In Focus

Spotlight on the November 22 Issue

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Editor-in-Chief, *Neurology*®

Thrombolysis outcomes in acute ischemic stroke patients with prior stroke and diabetes mellitus

The authors compared the data of stroke patients who received thrombolytic therapy with nonthrombolized controls. Their findings show improved outcomes in

patients with diabetes, previous strokes, or both. There is no justification for the exclusion of these patients from thrombolytic therapy.

See p. 1866; Editorial, p. 1862

Spinal subtraction MRI for diagnosis of epidural leakage in SIH

The authors evaluated the diagnostic utility of spinal MRI with T1- and T2-weighted subtraction analysis in 17 patients with spontaneous intracranial hypotension. Epidural collection of CSF was identified in all cases; therefore, invasive investigations were avoided. This MRI approach could be a first-line diagnostic tool in patients with orthostatic headache.

See p. 1873

Acute myeloid leukemia in Italian patients with multiple sclerosis treated with mitoxantrone

The authors evaluated data from 3,220 patients treated with mitoxantrone, 30 of whom had acute myeloid leukemia (AML). The rate of mortality associated with AML was 37%. Patients with MS must be monitored for hematologic abnormalities up to 6 years from the end of mitoxantrone therapy, to ensure early diagnosis and treatment of AML.

See p. 1887

Cortical lesions in radiologically isolated syndrome

Cortical lesions were detected by MRI in 6 subjects with radiologically isolated syndrome, a condition characterized by an unanticipated MRI finding highly suggestive of multiple sclerosis in the absence of a clinical scenario. This finding may improve the diagnostic workup and management of patients with this new preclinical condition.

See p. 1896

Clinical characteristics of pediatric-onset neuro-Behçet disease

The authors examined data from 26 pediatric patients with neuro-Behçet disease (NBD) and 702 adults. NBD presented in the form of dural venous sinus thrombosis in children with a relatively favorable outcome, whereas in adults the dominant neurologic involvement was parenchymal, suggesting that the pathogenesis may be different according to the age at disease onset.

See p. 1900

Alzheimer disease biomarkers are associated with body mass index

This study analyzed cross-sectional data from PET imaging using Pittsburgh Compound B, or CSF analyses for β -amyloid peptide and total tau, obtained from participants enrolled in the Alzheimer's Disease Neuroimaging Initiative. The presence and burden of in vivo biomarkers of cerebral amyloid and tau were associated with lower body mass index in cognitively normal and MCI individuals.

See p. 1913

CONTEMPORARY ISSUES IN NEUROLOGIC PRACTICE

The practice of neurology, 2000–2010: Report of the AAN Member Research Subcommittee

This paper addresses clinical neurology practice in the 2000s. Despite advances in science, technology, and therapeutics, there are only slight changes in practice arrangements, workloads, and procedures. Stability seems to be the current watchword.

See p. 1921

From editorialist Bruce Sigsbee: "To be an effective data-driven organization, timely and comprehensive information must be available to the leadership, which includes the Board of Directors and committee members."

See p. 1864

NB: "Eye closure and oculopalatal tremor," see p. 1929. To check out other Video NeuroImages, point your browser to www.neurology.org or view them on the Neurology iPad App and provide feedback.

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